

Rule 1.53(b) Cont. Appln.
of Serial No. 08/465,712

Page 27, line 14, after "β2:", insert --(SEQ ID
NO:1)--;

line 15, after "α4:", insert --(SEQ ID
NO:2)--; and

line 16, after "β4:", insert --(SEQ ID
NO:3)--.

Page 33, line 8, after "A5':", insert --(SEQ ID
NO:4)--;

line 9, after "A5'-1:", insert --(SEQ ID
NO:5)--;

line 10, after "A5'-2:", insert --(SEQ ID
NO:6)--;

line 11, after "p0:", insert --(SEQ ID
NO:7)--;

line 12, after "p1:", insert --(SEQ ID
NO:8)--;

line 13, after "p2:", insert --(SEQ ID
NO:9)--;

line 14, after "pEx2:", insert --(SEQ ID
NO:10)--;

line 15, after "pEx3:", insert --(SEQ ID
NO:11)--;

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line 16, after "BepT:", insert --(SEQ ID
NO:12)--;

line 17, after "OLUCI3:", insert --(SEQ ID
NO:13)--;

line 18, after "OLUCI2:", insert --(SEQ ID
NO:14)--.

Page 34, line 10, after "+24", insert --(SEQ ID
NO:15)--; after "instead of", insert --(SEQ ID NO:16)--;

line 12, after "was: -120", insert --(SEQ ID
NO:17)--;

line 13, after "instead of", insert --(SEQ ID
NO:18)--.

Page 36, line 7, after "E-D:", insert --(SEQ ID
NO:19)--;

line 8, after "Mut-E:", insert --(SEQ ID
NO:20)--; and

line 9, after "S-E:" insert --(SEQ ID
NO:21)--.

Page 43, between lines 15 and 16, please insert the
attached Table 1 followed by --Table 1: Positive and

negative regulatory elements in the proximal region of the
1163 bp promoter.

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In Table 1, Mouse $\beta 2$ is SEQ ID NO:23, Sodium Channel (nt29) is SEQ ID NO:24, SC G10 (nt621) is SEQ ID NO:25, Synapsin I (nt2070) is SEQ ID NO:26, CAML1 (nt1535) is SEQ ID NO:27, Calbindin (nt1093) is SEQ ID NO:28, Neurofilament (nt383) is SEQ ID NO:29, and the final sequence is SEQ ID NO:33.

A. Effect of mutations in the proximal part of the 1163 bp promoter. The activities of the wild type or mutated promoters are normalized to the luciferase activity of the promoterless KS-Luci plasmid. The activities of EE1.2-Luci are from Figure 3.

B. Alignment of the proximal silencer of the β -subunit promoter with other neuronal promoters. The sequences are taken from (Maue et al., 1990, Na channel, accession number M31433), (Mori et al., 1990; SCG10, M90489), (Sauerwald et al., 1990; Synapsin I, M55301), (Kohn et al., 1992; CAML1 gene, X63509), (Gill and Christakos, 1993, Calbindin gene, L11891), (Zopf et al., 1990; Neurofilament gene, X17102, reverse orientation). The numbering refers to the sequences in the GenBank/EMBL library.--

After page 56, and before page 57, please insert the attached pages titled "SEQUENCE LISTING".